

What is claimed is:

1. A method of fabricating a negative plate for nickel/metal hydride secondary batteries, comprising:

5 perforating each of collectors to have a plurality of perforations;

 filling powders of metal hydride between the perforated collectors; and

 compressing the collectors having the powders of the metal hydride filled therebetween, so that the powders of the metal hydride are contained between the collectors.

2. The method as defined in claim 1, further comprising coating the powders of the metal hydride with one of nickel, copper and a mixture of nickel and copper.

3. The method as defined in claim 2, wherein the coating of the powders of the metal hydride is performed prior to the filling of the powders of the metal hydride.

4. The method as defined in claim 1, further comprising forming each of the collectors in a strip form.

5. The method as defined in claim 4, wherein the collectors are made of nickel.

6. A negative plate for nickel/metal hydride secondary

batteries, comprising

at least two nickel strips facing each other, the nickel strips each having a plurality of perforations; and

metal hydride in the form of powders held between the
5 nickel strips.

7. The negative plate as defined in claim 6, wherein the powders of the metal hydride are coated with one of nickel, copper and a mixture of nickel and copper.

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8. The negative plate as defined in claim 6, wherein the nickel strips facing each other are combined at upper edges and lower edges thereof.

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9. The negative plate as defined in claim 8, wherein the metal hydride includes one of AB_5 based alloys and AB_2 based alloys.

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10. A nickel/metal secondary battery comprising:
a housing with positive and negative terminals;
a positive plate connected to positive terminal and received in a housing;

a negative plate connected to the negative terminal and received in the housing; and

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a separator disposed between the positive and negative plates.

11. The nickel/metal secondary battery as defined in claim 10, wherein the negative plate comprising:

at least a pair of electric collectors facing each other, through which an externally applied electric current flows;

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metal hydride contained between the electric collectors.

12. The nickel/metal secondary battery as defined in claim 11, wherein the electric collectors are made of nickel.

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13. The nickel/metal secondary battery as defined in claim 11, wherein the electric collectors are made of nickel-plated iron.

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14. The nickel/metal secondary battery as defined in claim 11, wherein the electric collectors each have a strip form.

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15. The nickel/metal secondary battery as defined in claim 14, wherein the electric collectors are combined at upper and lower edges thereof.

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16. The nickel/metal secondary battery as defined in claim 15, wherein the metal hydride has a form of powders.

17. The nickel/metal secondary battery as defined in claim 16, wherein the powders of the metal hydride are coated

with one of nickel, copper and a mixture of nickel and copper.